

FIG. 1

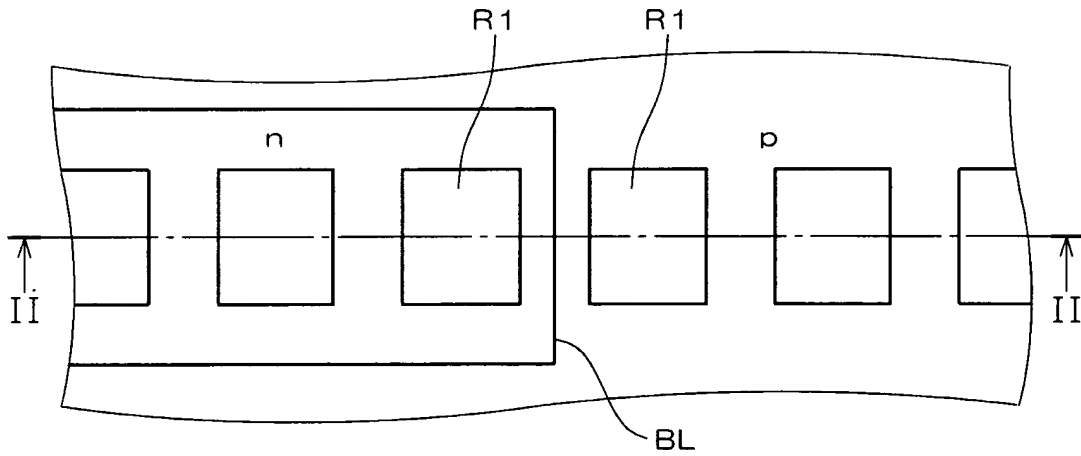
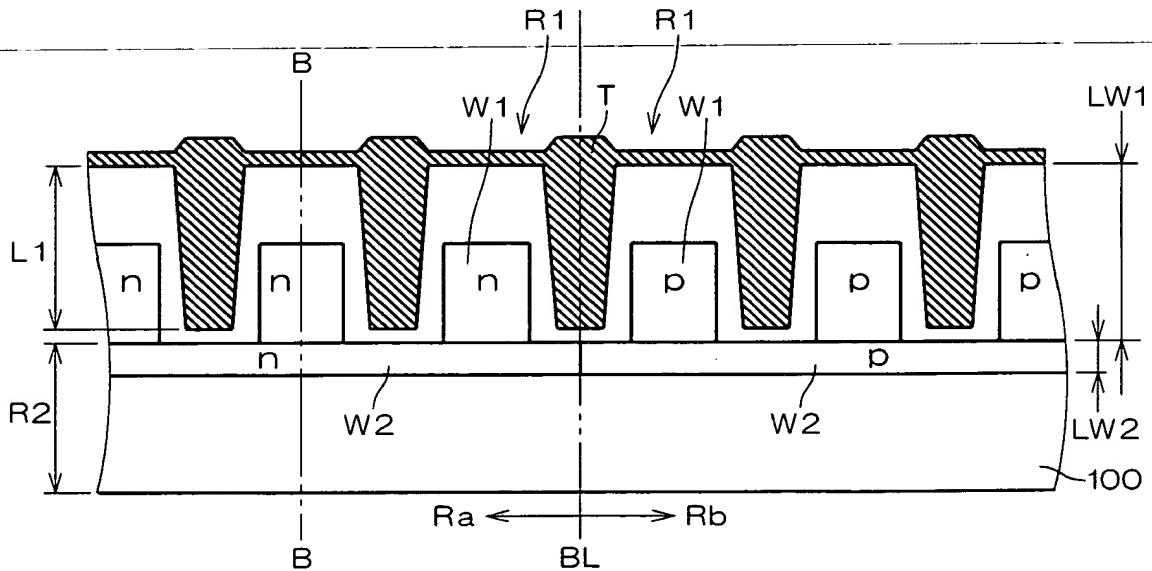


FIG. 2



644160-1B15660

FIG. 3

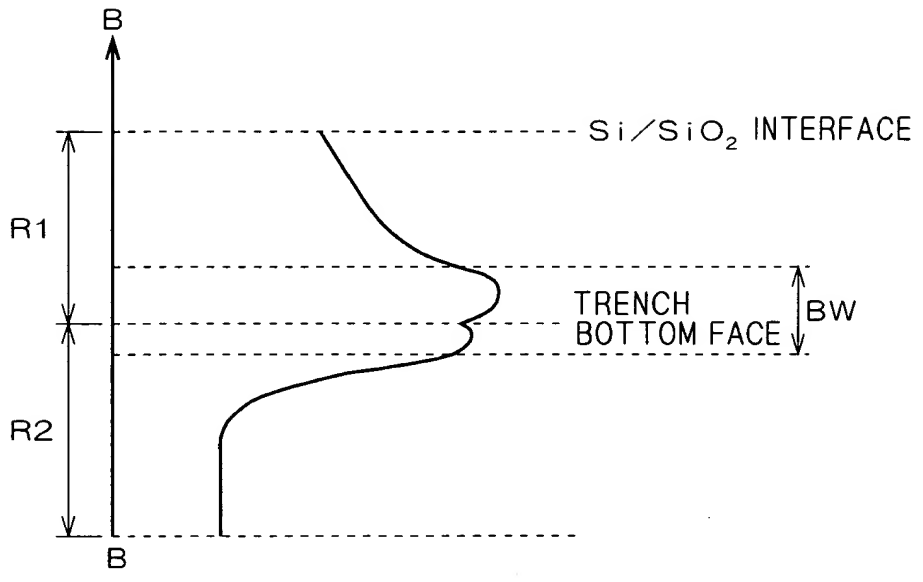
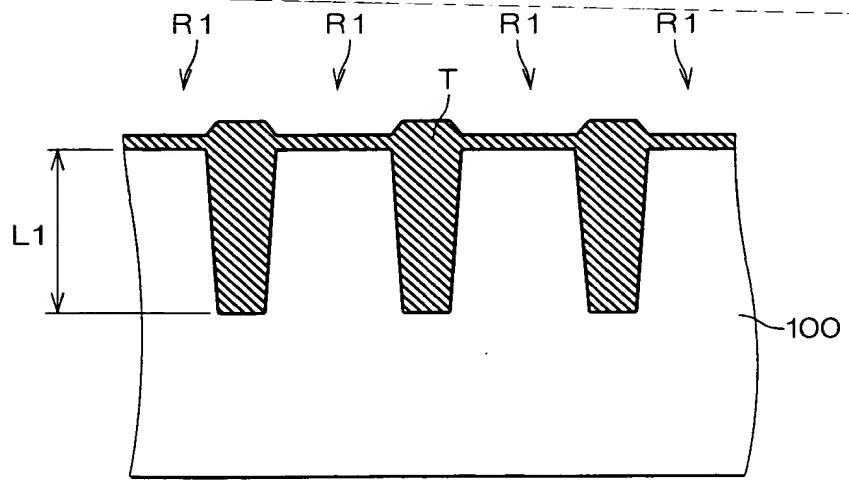
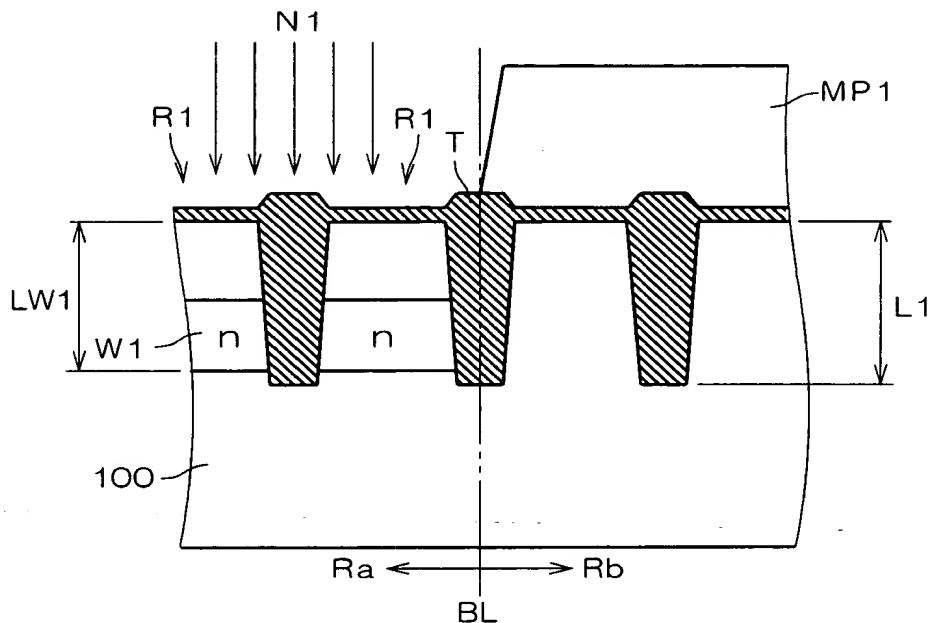


FIG. 4

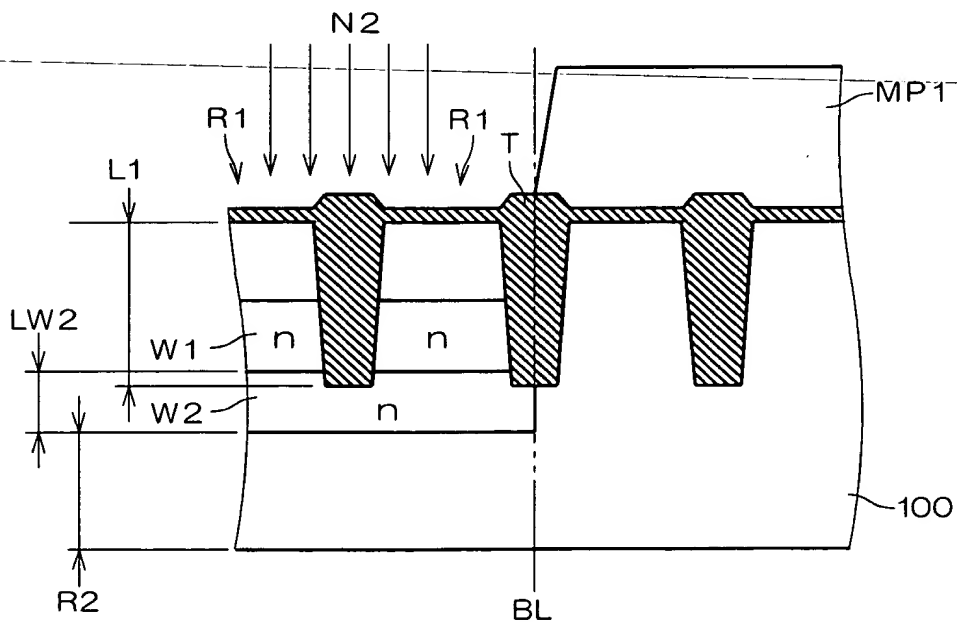


00572511-217

F I G . 5



F I G . 6



0057-2511-277

FIG. 7

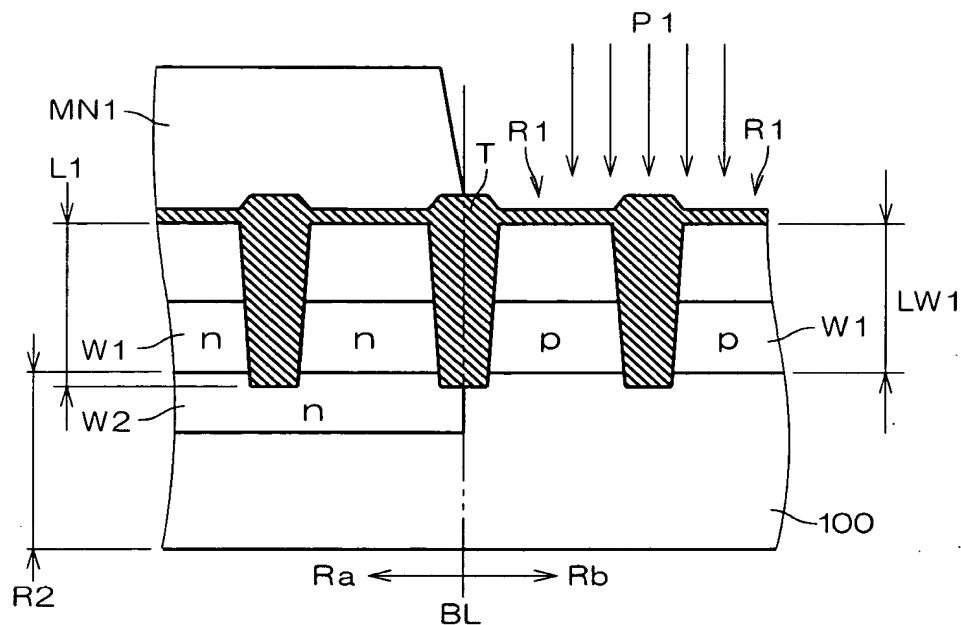
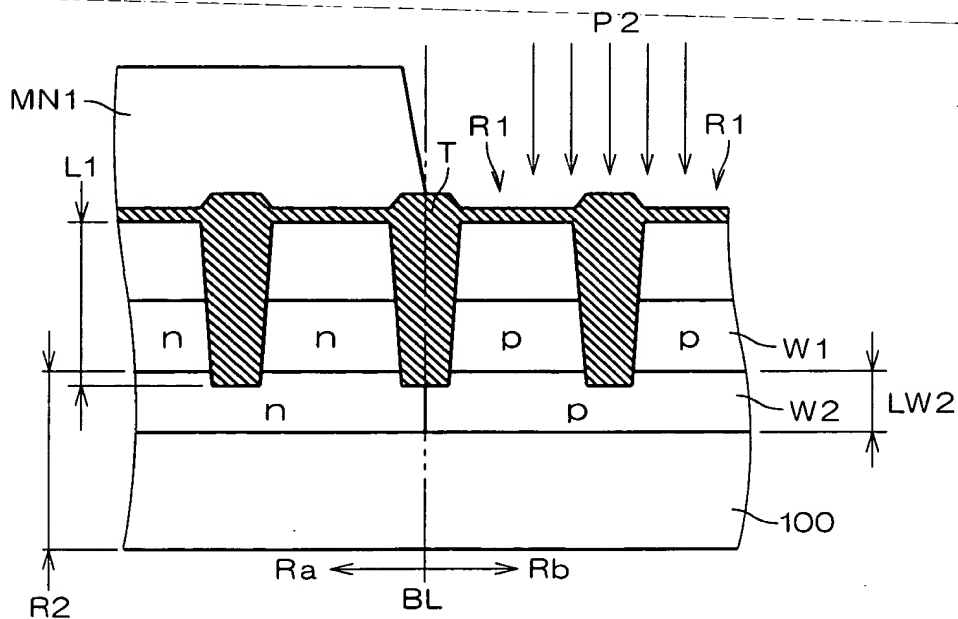


FIG. 8



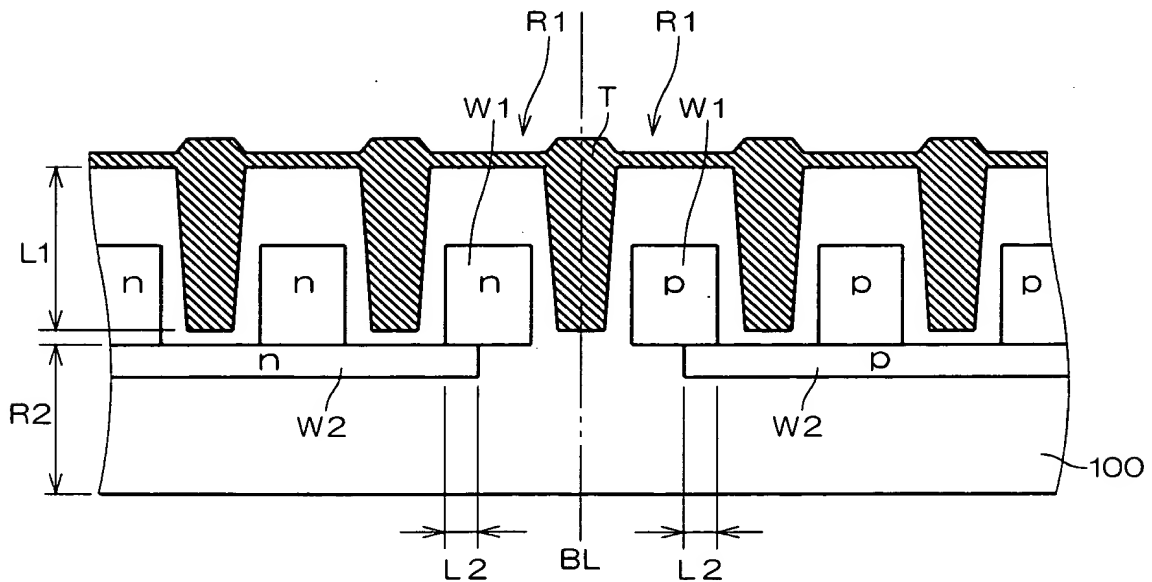
[illegible]

FIG. 11

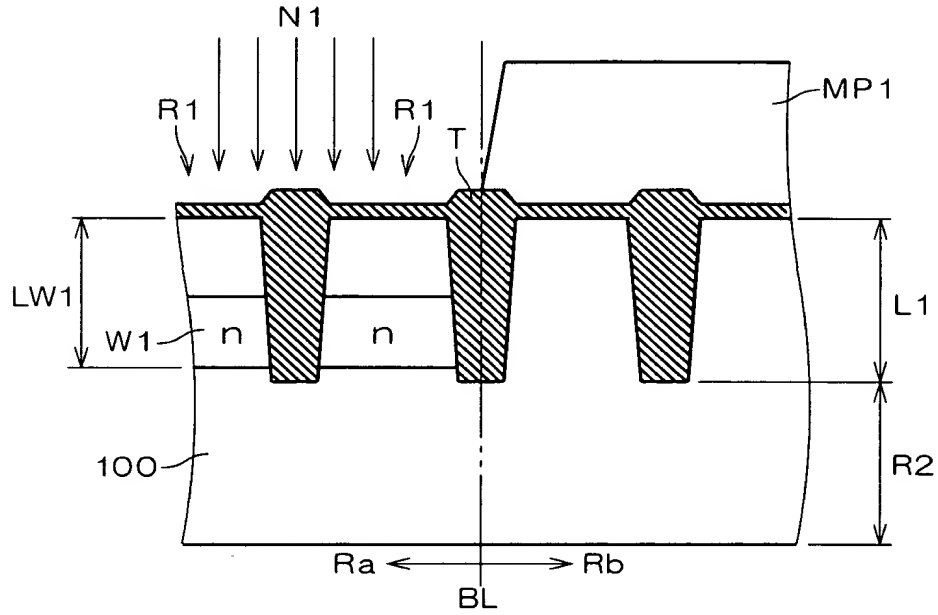
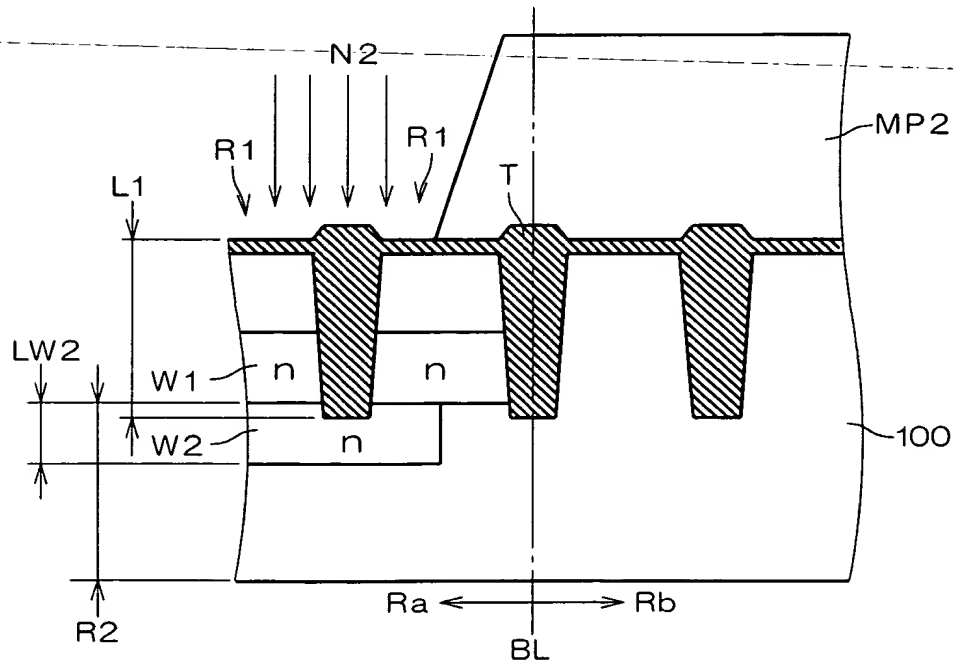


FIG. 12



[illegible]

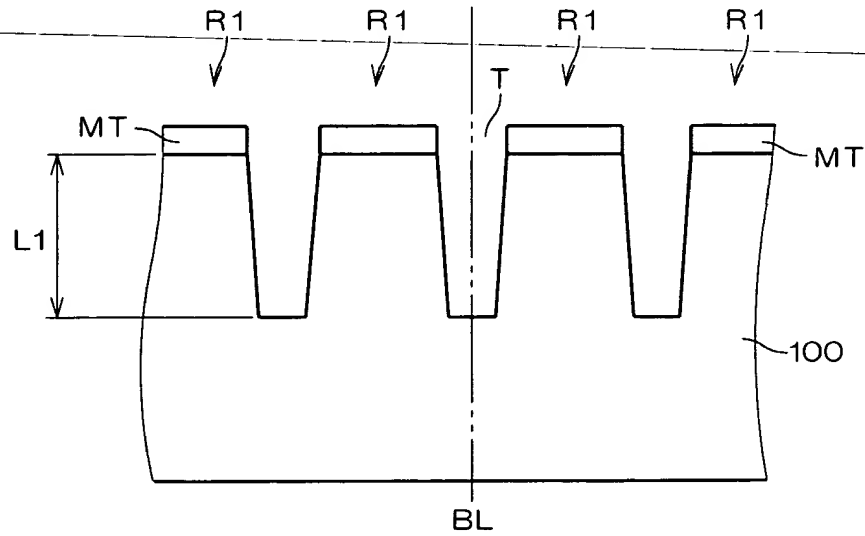


FIG. 17

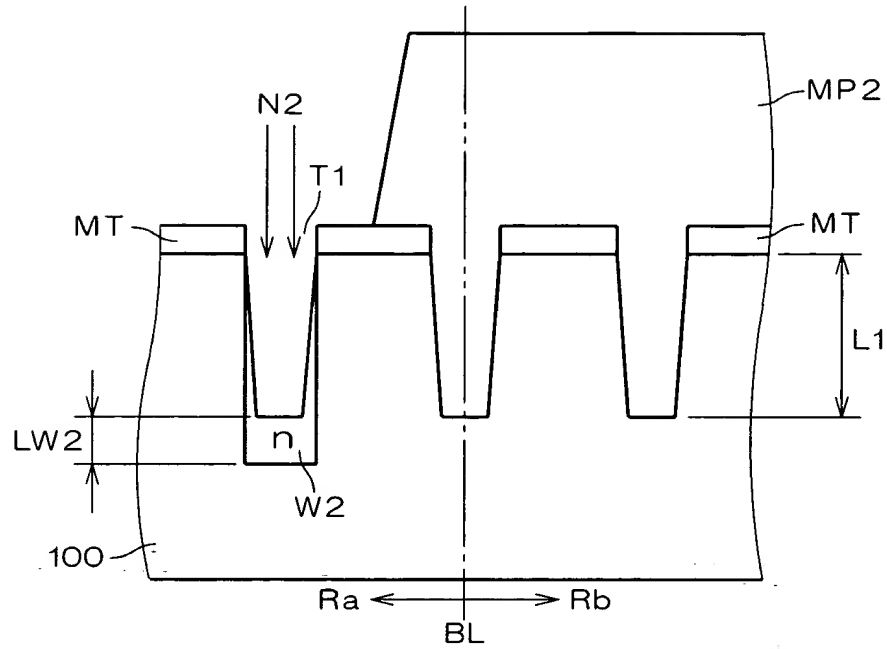
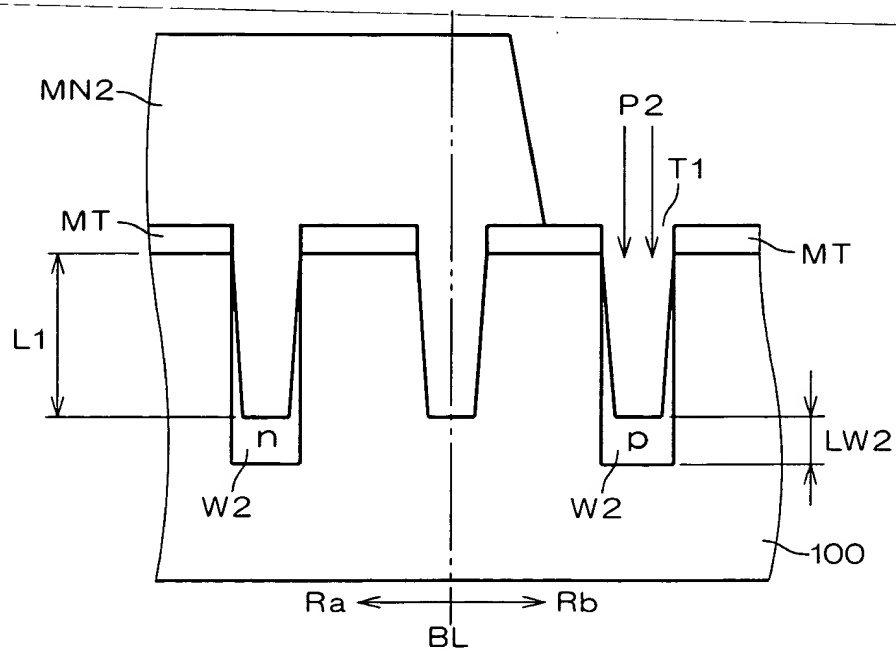
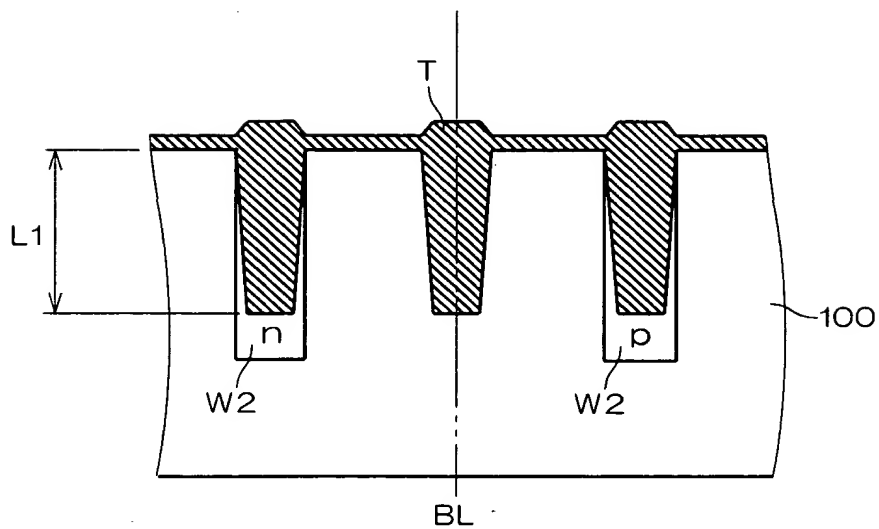


FIG. 18



0057-2511-2YY

[illegible]

F I G . 20

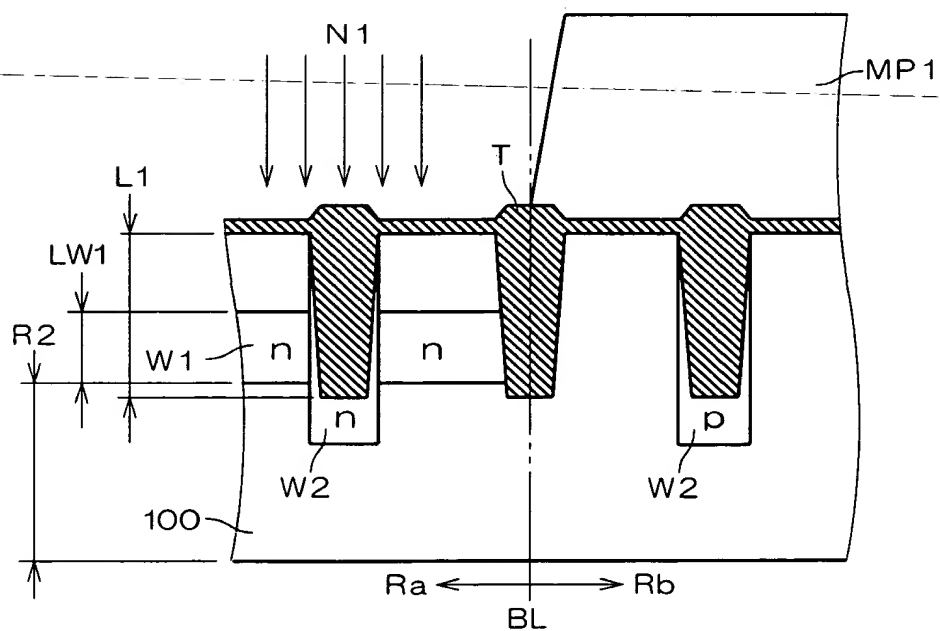


FIG. 21

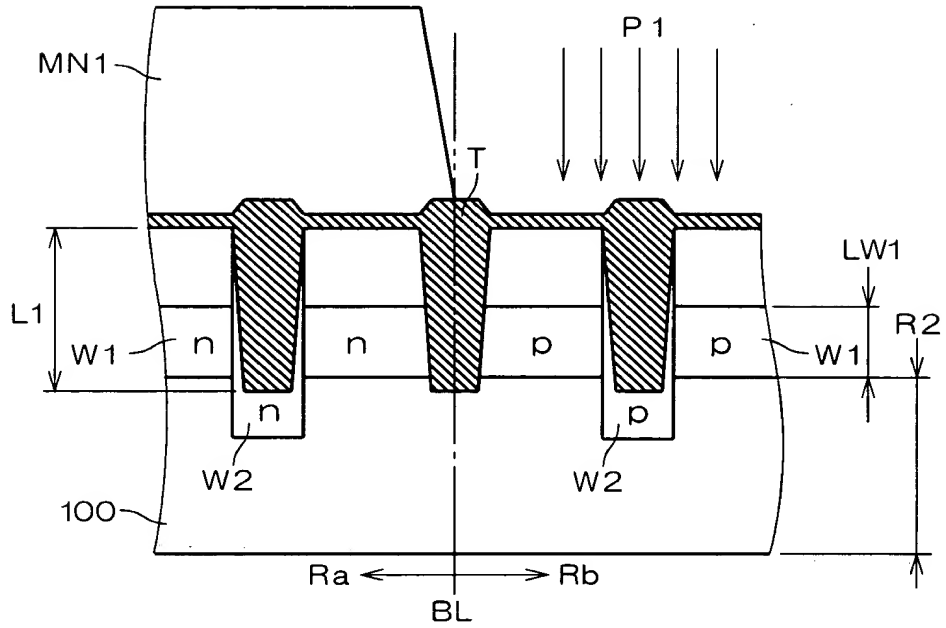
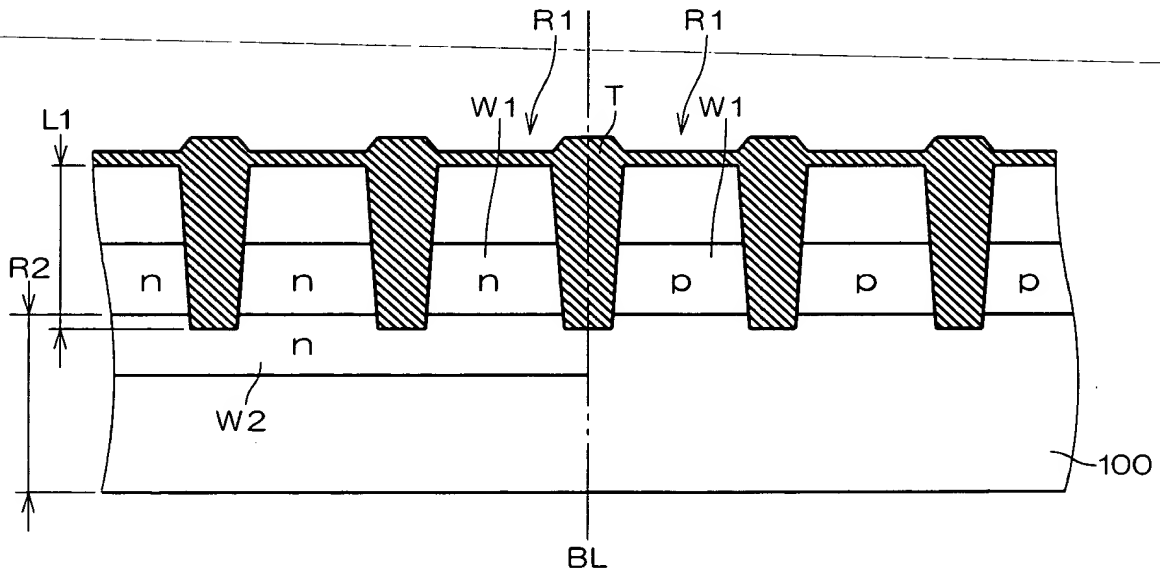
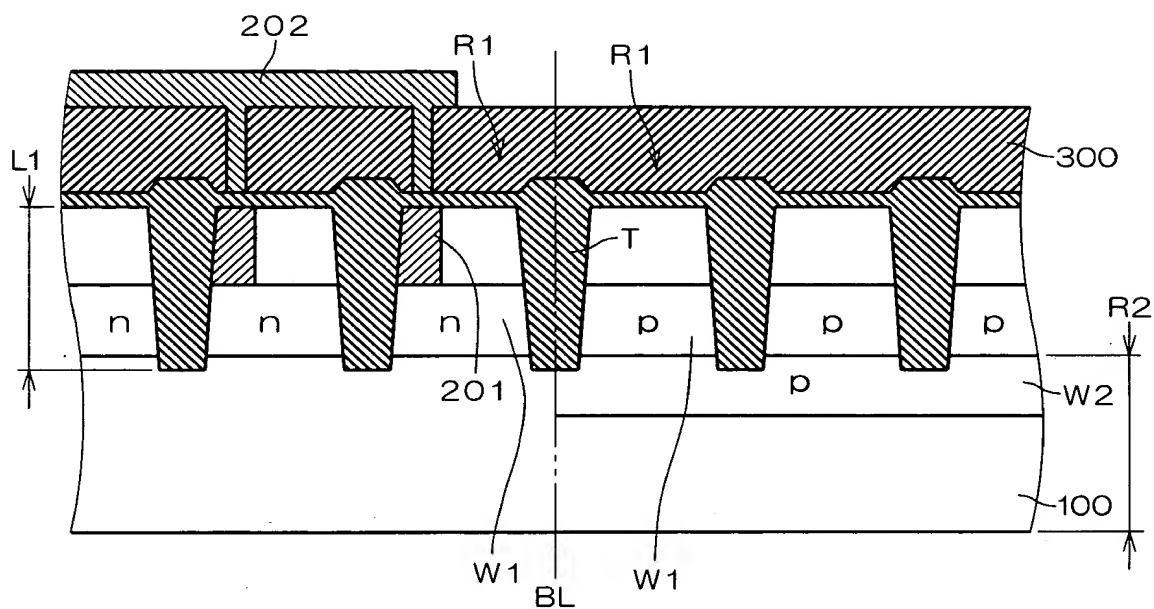


FIG. 22



F I G . 23



F I G . 24

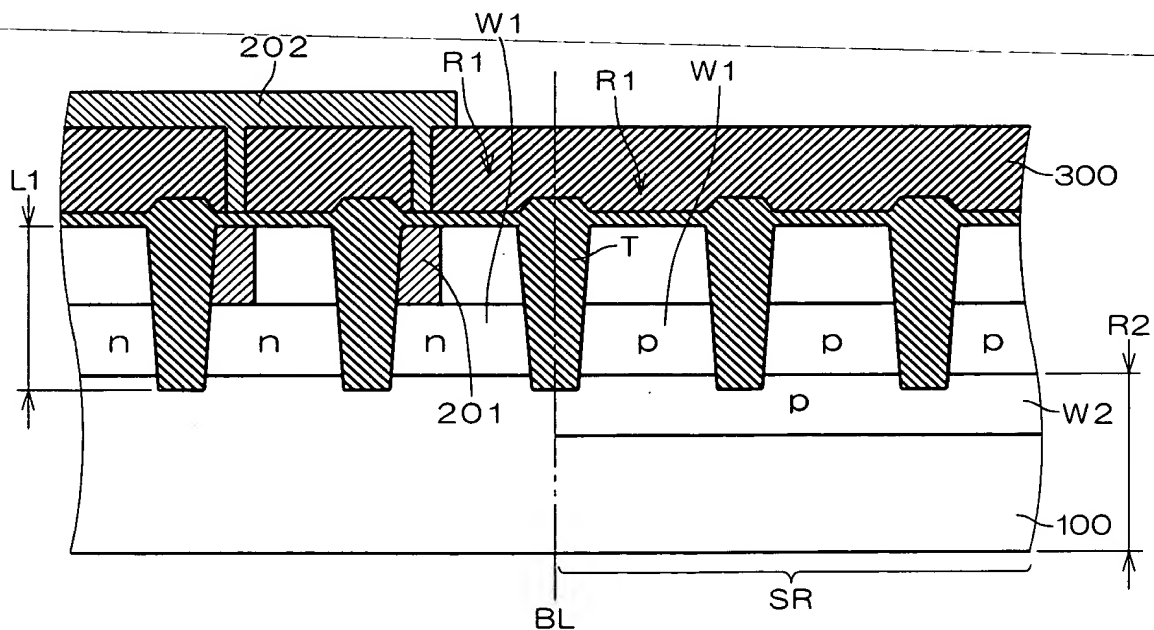


FIG. 25

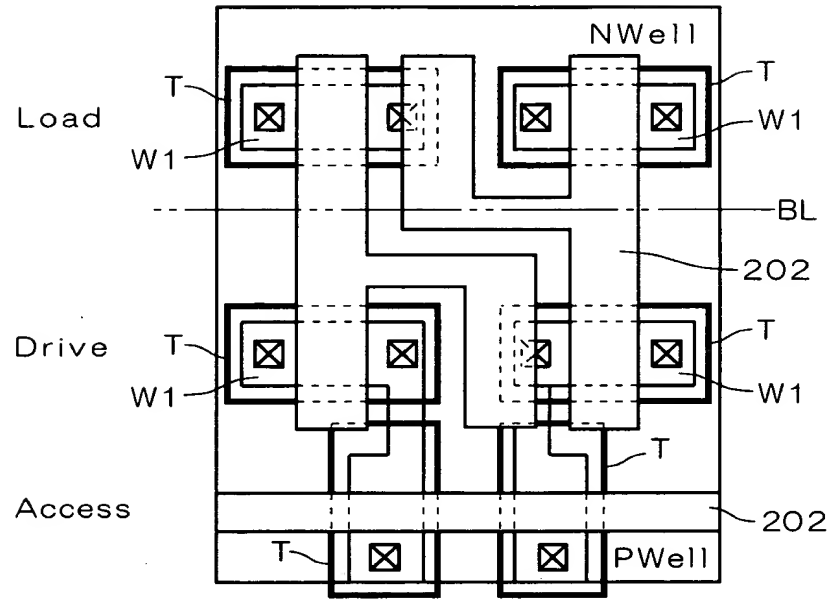
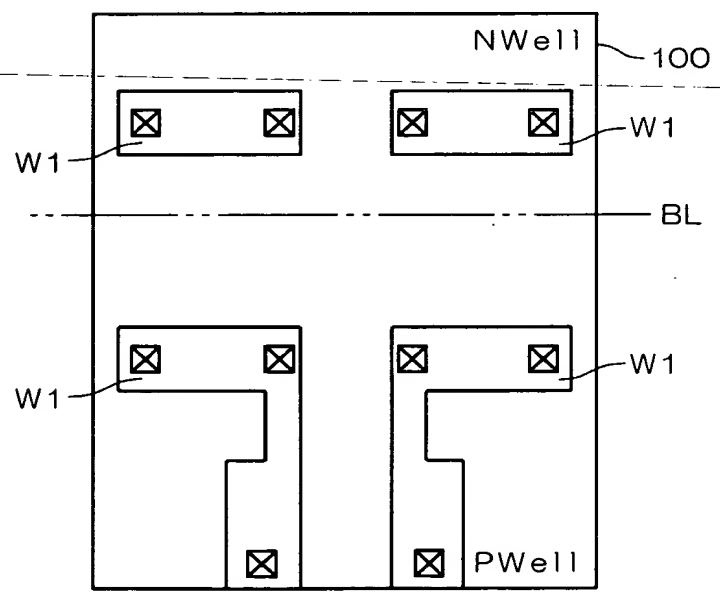


FIG. 26



00572511-27

FIG. 27

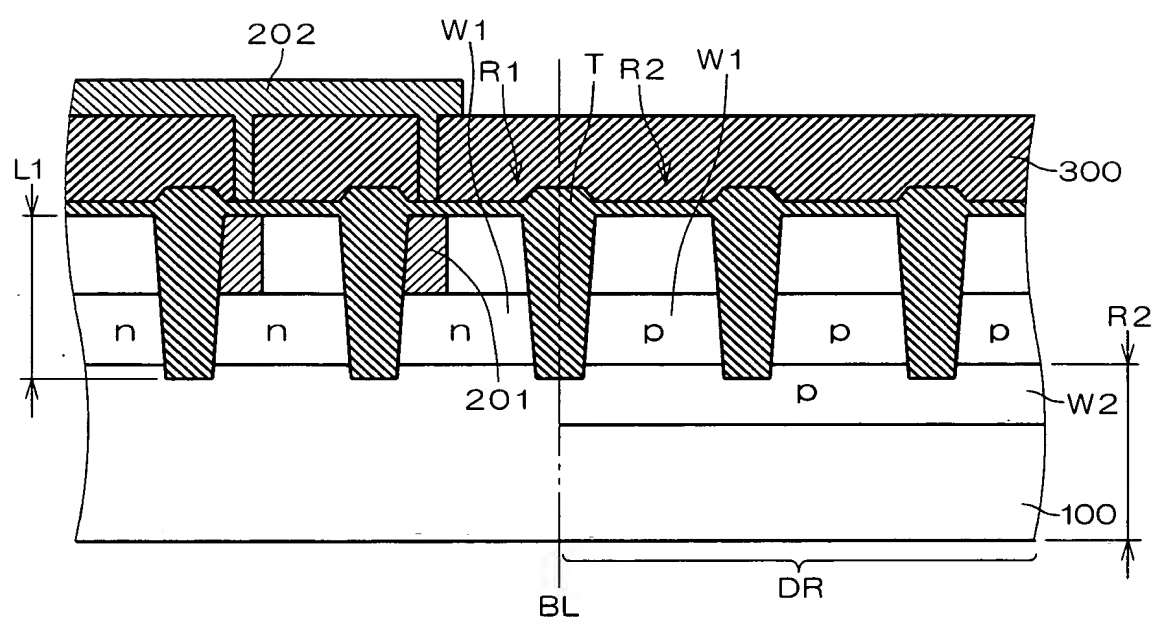
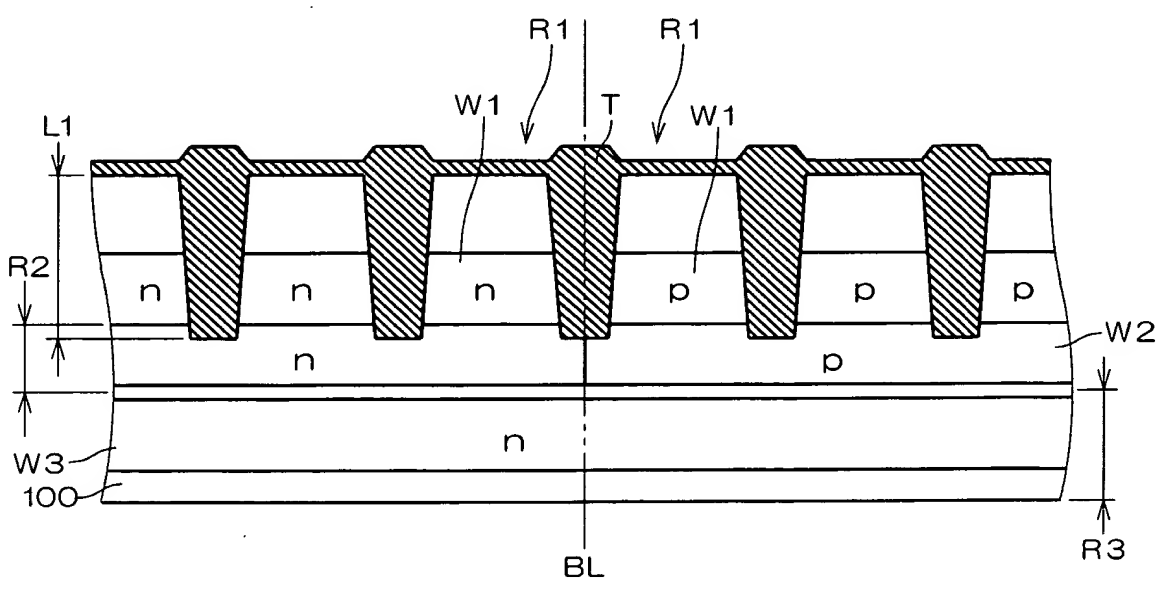
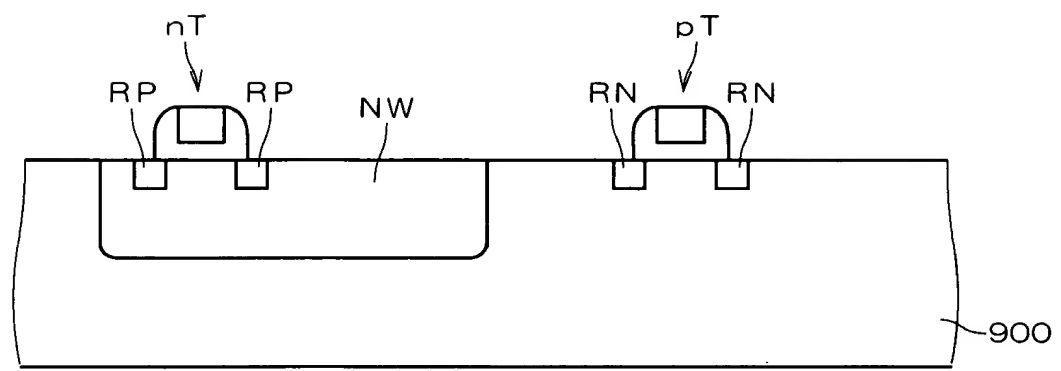


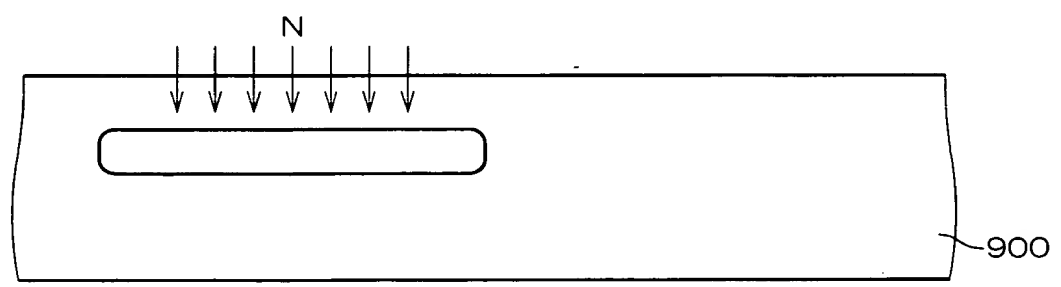
FIG. 28



F I G . 2 9
< BACKGROUND ART >



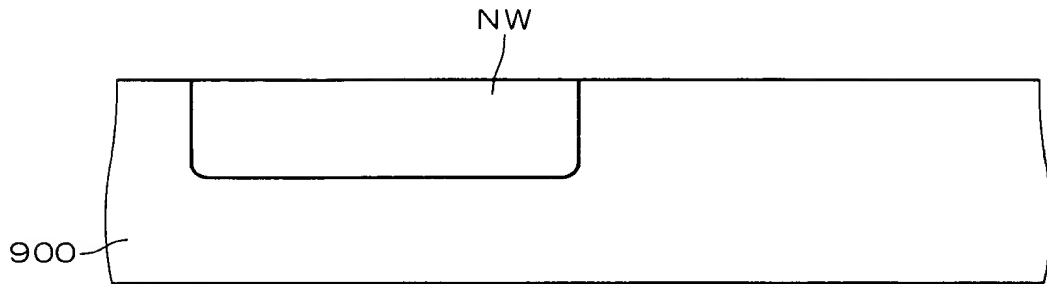
F I G . 3 0
< BACKGROUND ART >



Approved for Release

F I G . 3 1

< BACKGROUND ART >



F I G . 3 2

< BACKGROUND ART >

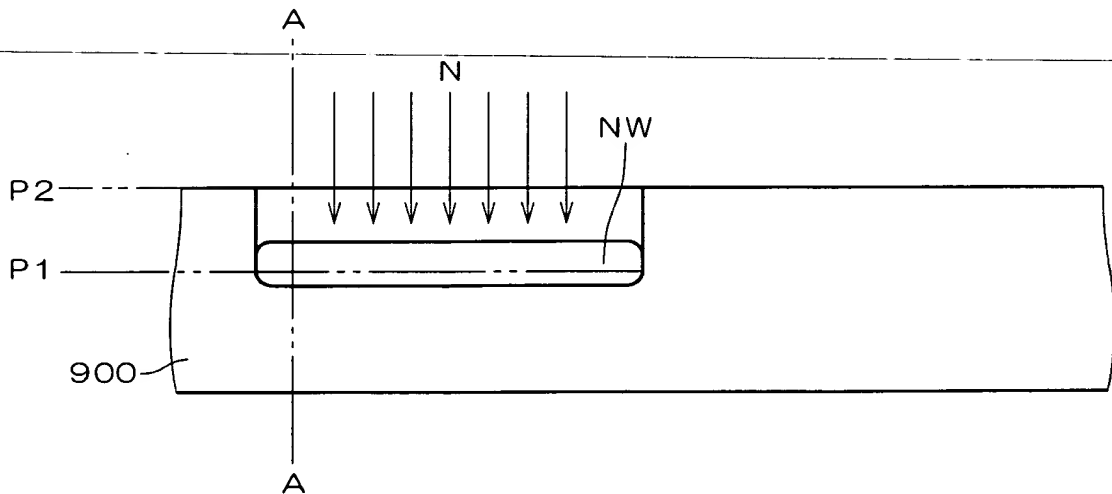


FIG. 33
< BACKGROUND ART >

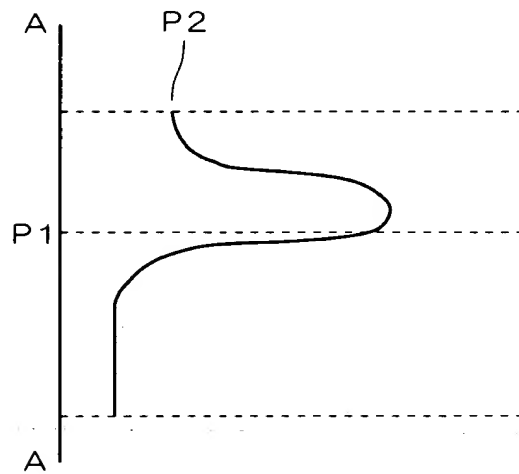


FIG. 34
< BACKGROUND ART >

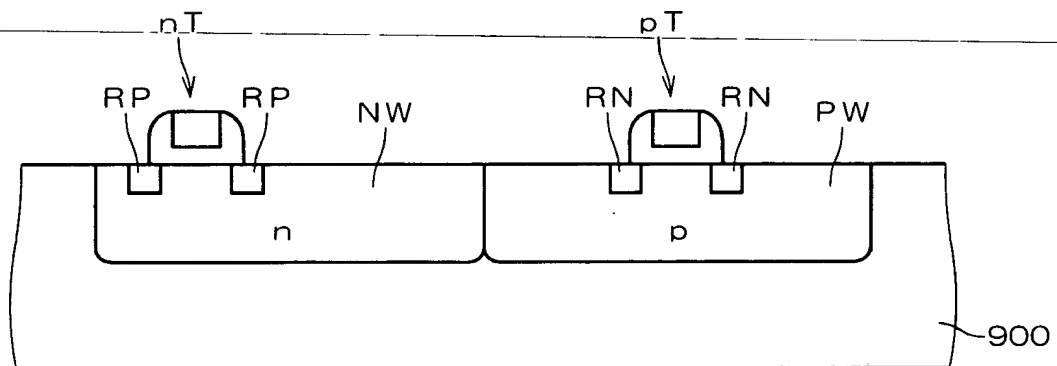


FIG. 35
< BACKGROUND ART >

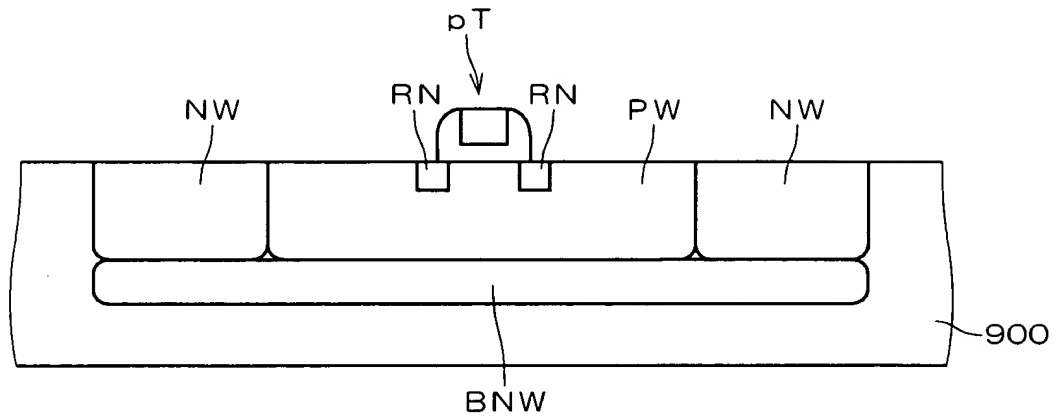


FIG. 36
< BACKGROUND ART >

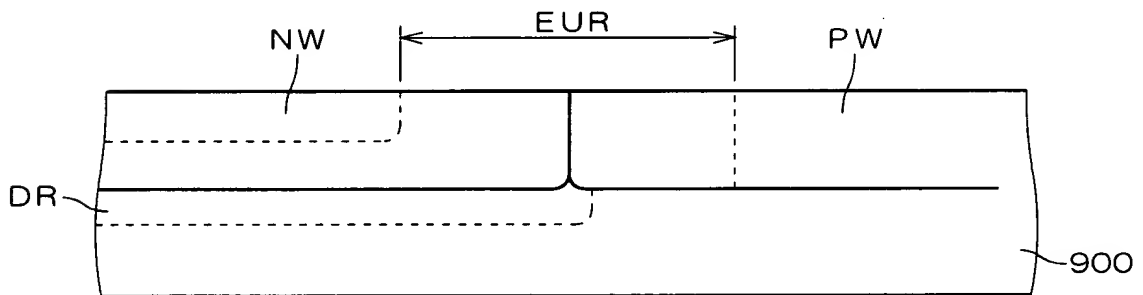


FIG. 37

< BACKGROUND ART >

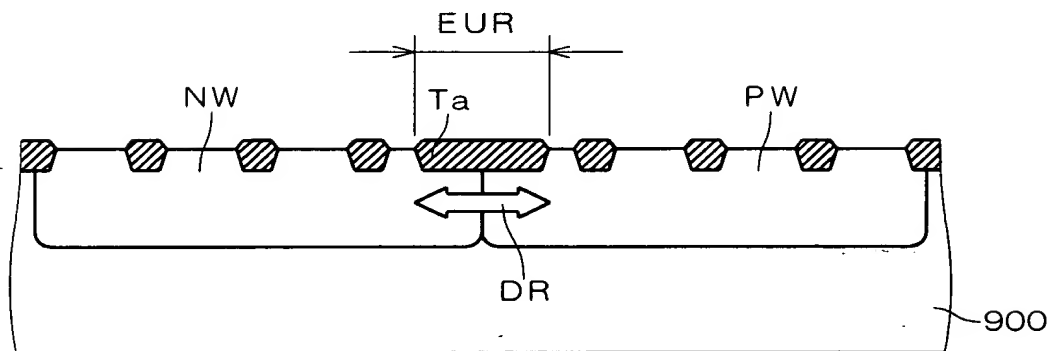


FIG. 38

< BACKGROUND ART >

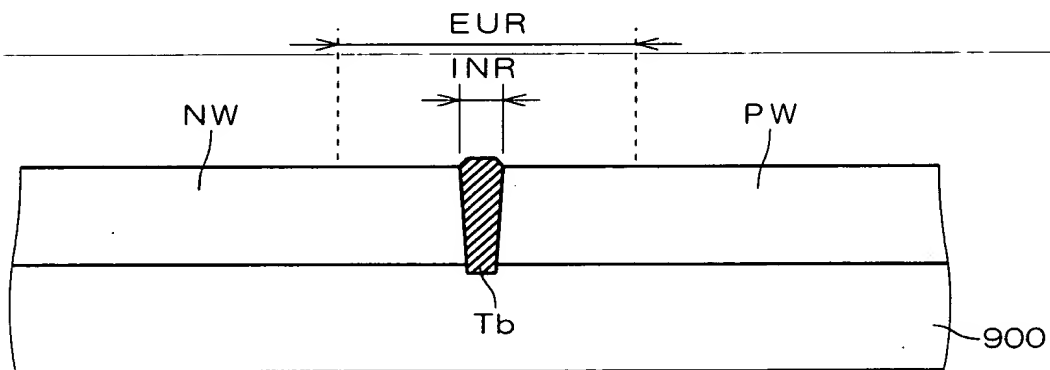


FIG. 39

< BACKGROUND ART >

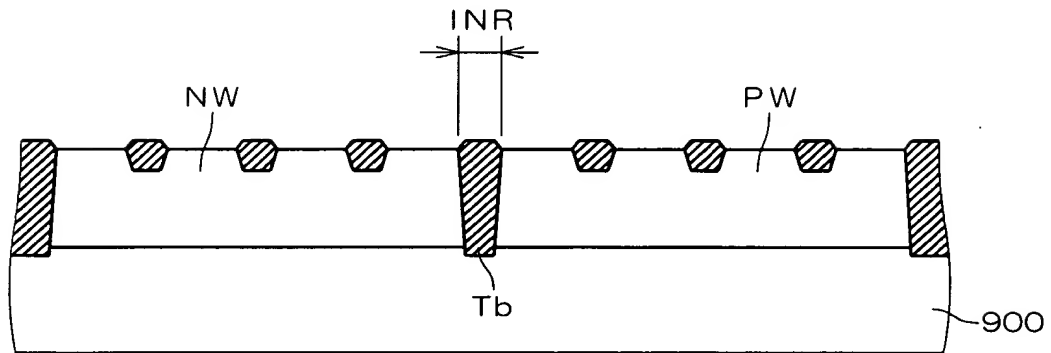
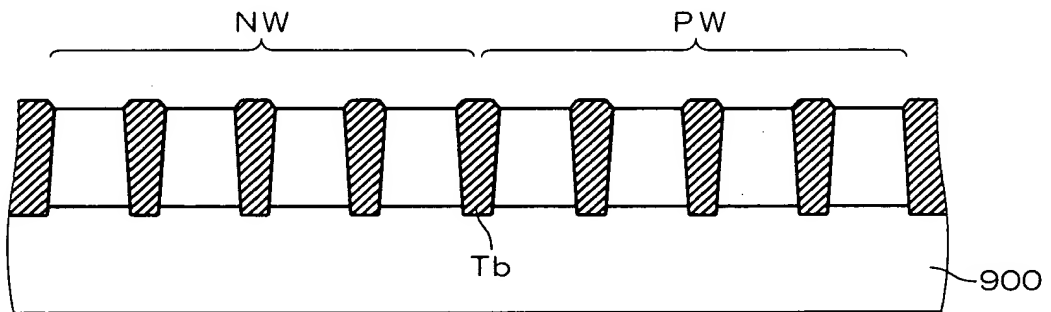


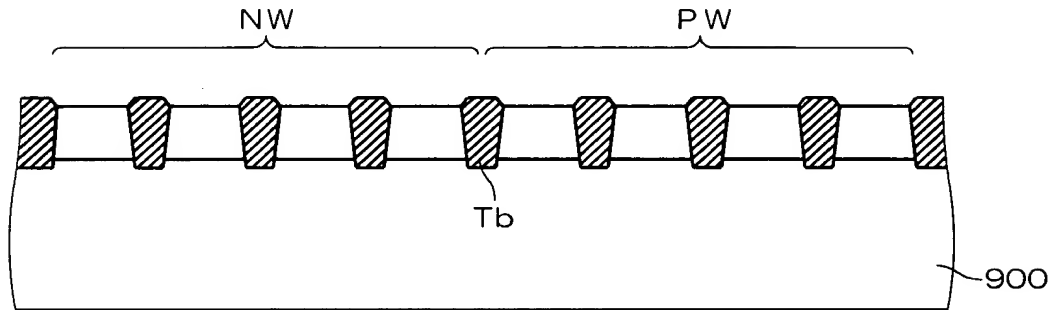
FIG. 40

< BACKGROUND ART >



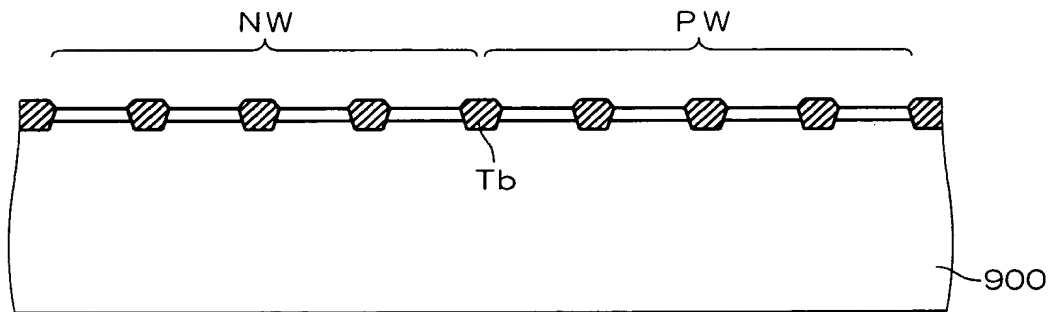
F I G . 4 1

< BACKGROUND ART >



F I G . 4 2

< BACKGROUND ART >



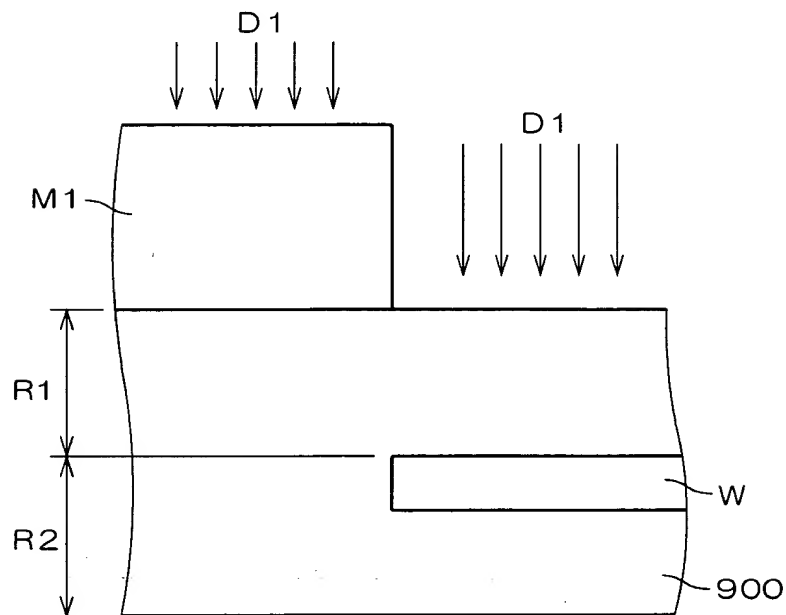
A cross-sectional view of a semiconductor device 900. The device consists of a substrate with two main regions: NW (Nitride) and PW (Polysilicon). On the NW region, there are gate structures 201, which are rectangular blocks with a central square opening. The PW region is a continuous layer. A top layer Tb is deposited over the entire structure. The gate structures 201 are separated by a distance CR (Critical Dimension). The top layer Tb is also shown with a distance CR between its segments.

NW

P W

F I G . 4 4

< BACKGROUND ART >



F I G . 4 5

< BACKGROUND ART >

